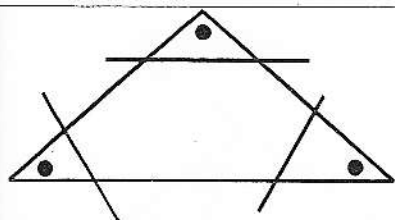


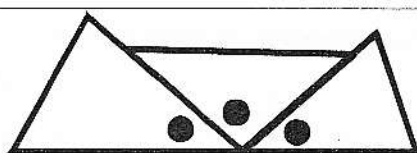
## Angles inside a triangle

I am learning how many degrees there are in a triangle.

### Materials:



1) Draw a triangle and put a dot in each corner.



2) Cut the corners off and place the dots together.

3) What do you notice about the shape that you have made.

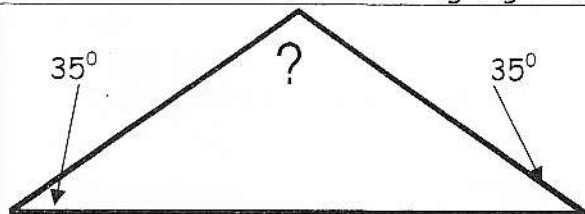
4) Try with different types of triangles. Can you see any pattern?

Complete the sentence.

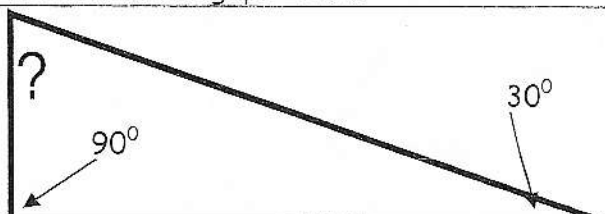
5) The sum of the interior angles add to ..... degrees. I know this because when I cut out the corners of the triangle and place them together they make a ..... line.

### Extended mathematical thinking:

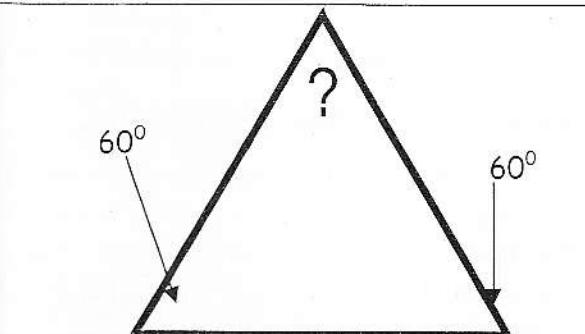
Work out the size of the missing angles and write them in the gaps below.



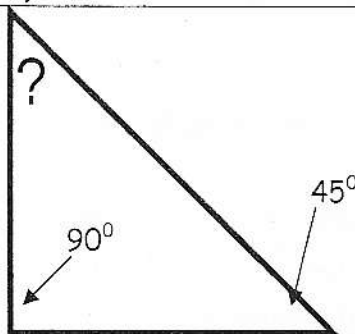
6)



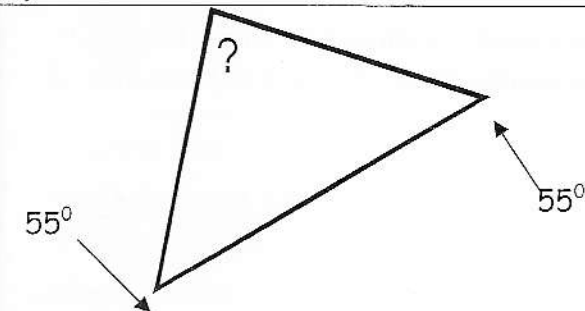
7)



8)

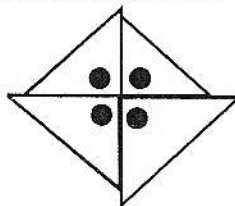


9)



10)

Some corners of a polygon have been cut off and placed together. What shape could they have come from and why?



11)